

# 622/632-Series

## SMALL-SIZED ROCKER SWITCHES

A high powered offering packed into a small-sized envelope, the 622/632-Series is a staple of numerous markets. With its silver-alloy butt contacts, the 622/632 will handle inrush spikes up to 100 amps and steady state current to 12A 125VAC. The lighted 632-Series features a multitude of illumination circuit options available with LED, incandescent and neon style lamps.



### Product Highlights:

- Illuminated or Non-Illuminated
- Silver Plated Butt contacts that handle high Inrush spikes
- Independent or Dependent lamp circuitry
- Industry standard size mounting hole

### Typical Applications:

- Appliance
- Food Service
- Transportation
- General Purpose



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Innovative Designs. Powerful Solutions.

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**Dielectric Strength**

UL/CSA:  
1000V-live to dead metal parts  
& opposite polarity

**Electrical Life**

50,000 cycles

**Operating Temperature**

32°F to 185°F (0°C to 85°C)

**632121 - 1 B - K N**

<sup>1</sup>  
Base Part Number

<sup>2</sup>  
Actuator  
Color

<sup>3</sup>  
Base  
Color

<sup>4</sup>  
Lamp

<sup>5</sup>  
Legend

**BASE PART NUMBER: SERIES / CIRCUITRY / RATING / TERMINATION**

8A 250VAC; 12A 125VAC; 1/2 HP 125-250VAC

622-SERIES NON-ILLUMINATED ROCKER

ON-none-OFF (Single Pole)

ON-none-OFF (Double Pole)

**632-SERIES ILLUMINATED ROCKER**

ON-none-OFF (Single Pole, dependent lamp) schematic 1

ON-none-OFF (Single Pole, independent lamp) schematic 3

ON-none-OFF (Single Pole, independent lamp unballasted) schematic 5

ON-none-OFF (Double Pole, dependent lamp with 5 terms.) schematic 2

ON-none-OFF (Double Pole, dependent lamp with 4 terms.) schematic 4

Solder Lugs

622121

622221

.187 Tabs

622122

622222

632121

632321

632521

632221

632421

632122

632322

632522

632222

632422

**2 ACTUATOR COLOR <sup>3</sup>**

622 (non illuminated)

B Black

W White

632 (illuminated)

1 Clear Amber

2 Clear Red

3 Clear Blue <sup>2</sup>

4 Clear Green

5 Clear

**4 LAMP VOLTAGE / STYLE <sup>1</sup>**

N 622 (non illuminated)

1 unballasted LED

2 6V LED

3 12V LED

4 24V LED

A 6V incandescent

C 12V incandescent

E 18V incandescent

H 24V incandescent

J 125V neon

K 250V neon

**3 BASE COLOR <sup>3</sup>**

B Black

W White

**5 ROCKER LEGEND**

N NO Legend

A OFF-ON vertical

B OFF-ON horizontal

D I-O horizontal

E I-O vertical

F O on rocker radius

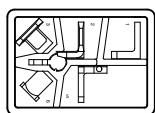
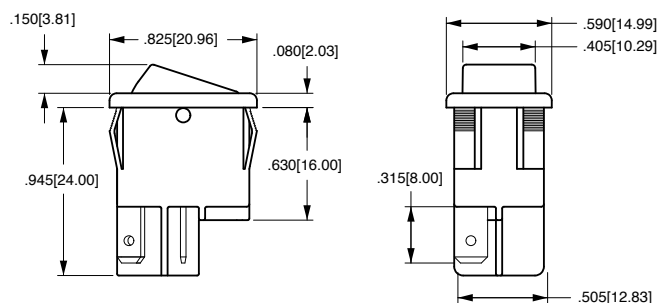
Notes:

1 For all incandescent or LED lamps specify 5 in 5th digit of part number.

Example 632151-1B-CN

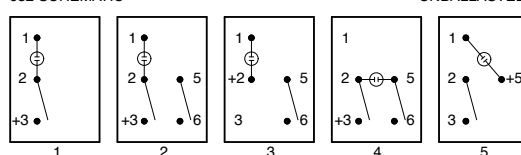
2 Available with incandescent lamps only.

3 Additional colors available. Consult factory for details.

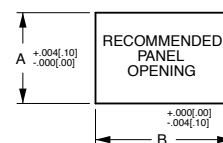
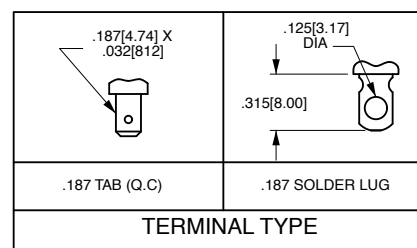


BOTTOM VIEW OF  
TERMINAL ARRANGEMENT

632 SCHEMATIC



UNBALLASTED



| PANEL THICKNESS       | A           | B           |
|-----------------------|-------------|-------------|
| .030[.76]-.050[1.27]  | .508[12.90] | .756[19.20] |
| .050[1.27]-.078[1.98] | .508[12.90] | .764[19.40] |
| .078[1.98]-.125[3.17] | .508[12.90] | .780[19.81] |

\*Manufacturer reserves the right to change product specification without prior notice.



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